

EPA ID: NJN000206302 Site Name: SAMOSET LAUNDRY

State ID:

Alias Site Names: JET PLASTICS

City: PLAINFIELD

Refer to Report Dated: 9/1/2010

County or Parrish: UNION

State: NJ

Report Developed By:

Report Type: EXPANDED SITE INSPECTION 001

☐ 1. Further Remedial Site Assessment Under CERCLA (Superfund) is not required because:☒ 2. Further Assessment Needed Under CERCLA:

Low priority for further assessment

Discussion/Rationale:

Samoset Laundry, a dry cleaning business, operated out of the 902 to 924 North Avenue facility in Plainfield, New Jersey from 1927 to 1983. In approximately 1976, the Samoset property was split into two lots and renamed Block 344, Lot 1 and 2. Samoset Laundry operated out of Lot 1 while Lot 2 was owned and operated since 1979 by a construction contracting business named The Finne Company.

As part a regional groundwater contamination investigation the New Jersey Department of Environmental Protection (NJDEP) Division of Water Resources (DWR) inspected the former Samoset Laundry facility in 1985. Soil samples were collected from the property in association with areas of concern including floor drains, drainage pits, an abandoned production well, and multiple underground storage tanks (USTs). Results indicated a concentration of tetrachloroethene (PCE), a solvent used in the dry cleaning industry, which was in exceedance of NJDEP Residential Soil Remediation Standard (SRS) Criteria for 2 parts per million (ppm).

Groundwater samples collected by NJDEP BEMSA in July 2010 indicated the presence of PCE at 39 parts per billion (ppb) in shallow ground water within the monitoring well, which was installed in the center of the former Samoset building on Lot 1. Groundwater collected from the monitoring wells located hydraulically up-gradient and down gradient from the subject site did not reveal PCE concentrations in the shallow groundwater that exceed NJDEP GWQS.

Due to groundwater flow direction, ground water sampling results on and off site, and the operations conducted at the site, the PCE contamination detected in the shallow groundwater zone on Lot 1 on the former Samoset property is attributable to the site. July 2010 ground water sampling data collected down gradient of the subject property revealed that PCE concentrations detected on site are not migrating off the subject site above NJDEP GWQS. Therefore, the PCE contamination cannot be attributed to impacting the Netherwood Wellfield located 0.3 to 0.75 miles northeast of the former Samoset property.

Surface Water - A release from Samoset to surface water has not been observed nor is suspected.

Air- A release to air is not suspected and therefore threat from exposure is not considered likely.

The former Samoset laundry facility has been recommended as a low priority for further action under CERCLA.

Site Decision Made by: JENNIFER LAPOMA

Signature: 

Date: 12/09/2010

